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USDOC FOR 4530/MAC/ANESA/OSA
ICE HQ FOR STRATEGIC INVESTIGATIONS
STATE FOR EB/ESP

E.O. 12958: N/A

TAGS: [BEXP](#) [ETRD](#) [ETTC](#) [IN](#)

SUBJECT: EXTRANCHECK: POST-SHIPMENT VERIFICATION: AERONAUTICAL
DEVELOPMENT ESTABLISHMENT, BANGALORE, INDIA

REF: USDOC 10496

11. Unauthorized disclosure of the information provided below is prohibited by Section 12(c) of the Export Administration Act.

12. On September 9, 2008, Export Control Officer (ECO) Paul Cushman and FSN Shailendra Srivastava conducted a Post-Shipment Verification (PSV) at Aeronautical Development Establishment (ADE) in Bangalore.

13. BIS requested a PSV at ADE, located at New Thippasandra, Bangalore. ADE was listed as the ultimate consignee for four Bulk Acoustic Wave Delay Devices (model MBI -1125A) manufactured by Teledyne Wireless Inc. of Mountain View, California. Export License: D376850. ECCN: 3A001.

14. ECO and FSN Srivastava met with Dr. G. Natarajan, Scientist, and Dr. A.P.V.S. Prasad, Scientist, ADE. Mr. Randhir Jaiswal, Deputy Secretary, Ministry of External Affairs, arranged but was not present at the meeting.

15. ADE representatives were familiar with BIS regulations. However, this was the first visit by BIS officials to their facility. Prasad provided the following documents relating to this transaction: Teledyne Invoice, ADE Purchase Order, Teledyne Packing list, ADE End-Use Statement, and a copy of Export License D376850. Prasad acknowledged that he understood, had complied with, and would continue to comply with the license conditions.

16. Prasad confirmed the stated end-use. He explained that the delay devices are used to simulate the delay (RF propagation) encountered by ground controllers of an aerial target drone being developed by ADE for the Indian military. In this way, they can calibrate - in the laboratory - the tracking instruments used by the drone's ground controllers in the field.

17. After the meeting, the BIS team was taken to ADE's RF Communication Laboratory. ECO physically verified the delay device serial numbers as 001, 002, 003, and 004. All were model MBI-1125A. Only two of them (#002 and #003) were installed. The remaining two (#001 and #004) were still in their original packaging and are being held in reserve. The devices are maintained in this laboratory and only authorized personnel have access to them. Security of the facility is handled by GOI Central Industrial Security Force (CISF) personnel.

18. Established in 1959, ADE is a Defence Research and Development Organization (DRDO) laboratory. Their mission is research, design, and development in the field of military aviation. ADE has approximately 1,000 employees.

19. Recommendation: At the time of this visit, Aeronautical Development Establishment appeared to be a reliable recipient of

this controlled technology. The items on check were physically verified and were being used in a manner consistent with the Export Administration Regulations.

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